

# THRU ROOF MOUNTED FANS

## COMMERCIAL THRU ROOF FAN

Duct Size	Description	Fan Type	Performance	Order Code
250mm	Commercial Cowl	-	-	DCT2238
250mm	Commercial Fan Cowl	Ctr'fgl	178 l/s, 640 m <sup>3</sup> /hr	FAN2120
250mm	Commercial Fan Cowl - High Performance	Ctr'fgl	265 l/s, 954 m <sup>3</sup> /hr	FAN2121
250mm	Filter Ring	-	-	DCT2254
250mm	Insect Mesh	-	-	DCT2253

- High quality ASA plastic cowl construction, with fan incorporated, for longevity of operation.
- The orientation of the fan section can be reversed to facilitate extract or supply.
- Supported by a 2 year warranty.



250 mm Hyper Fan System

## COMMERCIAL THRU ROOF FAN KITS

Duct Size	Description	Fan Type	Performance	Order Code
250mm	Commercial Kit	-	-	DCT2241
250mm	Commercial Fan Kit	Ctr'fgl	178 l/s, 640 m <sup>3</sup> /hr	FAN2122
250mm	Commercial Fan Kit - High Performance	Ctr'fgl	265 l/s, 954 m <sup>3</sup> /hr	FAN2123
250mm	Filter Ring	-	-	DCT2254
250mm	Insect Mesh	-	-	DCT2253

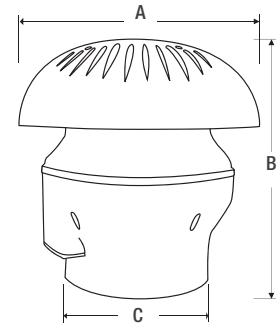
- Kit comes complete with a ASA plastic cowl construction, with or without fan incorporated, mounting tubes, aquaseal roof flashing & power lead flashing.
- The orientation of the fan section can be reversed to facilitate extract or supply.
- Supported by a 2 year warranty.



250mm Commercial Fan Kit

## DIMENSION INFORMATION (MM)

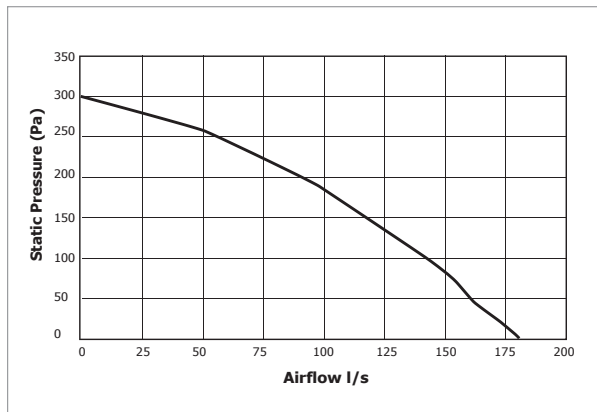
Model	A	B	C
250mm	400	400	248



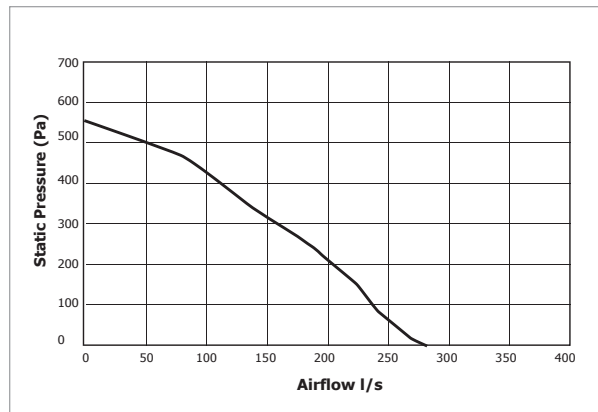
Dimensions - Thru Roof

## TECHNICAL SPECIFICATION & PERFORMANCE DATA

Model	FAN2120/FAN2122	FAN2121/FAN2123
Supply Voltage	220-240VAC	220-240VAC
Fan	Centrifugal	Centrifugal
Fan Performance	178 l/s, 640 m <sup>3</sup> /hr	265 l/s, 954 m <sup>3</sup> /hr
Fan Wattage	75W	135W
Maximum Pressure	300 Pa	545 Pa
Fan Speed	2600 RPM	2650 RPM
Sound Level @ 1m	72 dB(A)	70 dB(A)
Operating Temp	-25 - +40°	-25 - +60°



Performance - FAN2120/FAN2122



Performance - FAN2121/FAN2123

## ACOUSTIC PERFORMANCE - FAN2120/FAN2122

Please note: CR Represents - Casing Radiation

COWL ON	Test Conditions	Noise Rating dB(A)	Noise Rating						
			125	250	500	1000	2000	4000	8000
Supply	Inlet + CR	56	65.7	67.5	69.0	62.9	60.1	51.9	43.2
	Discharge	55	61.1	62.0	67.8	62.4	61.8	60.7	43.9
Extract	Inlet	54	62.4	62.3	67.1	61.9	60.6	58.1	48.5
	Discharge + CR	54	67.2	68.5	66.1	61.4	60.9	51.2	42.3

## ACOUSTIC PERFORMANCE - FAN2121/FAN2123

COWL ON	Test Conditions	Noise Rating	Noise Rating						
			125	250	500	1000	2000	4000	8000
Supply	Inlet + CR	61	73.3	76.5	74.7	70.8	65.5	60.2	51.1
	Discharge	60	68.9	71.5	72.4	69.9	67.9	65.5	56.1
Extract	Inlet	58	69.9	72.8	69.5	68.3	65.6	62.7	54.6
	Discharge + CR	60	76.2	78.1	71.7	69.5	66.8	59.0	50.2